Index of Claims

| Appl | icatio | n/Contro | l No. |
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10/004,844

Examiner

Andrew H. Lam

Applicant(s)/Patent under Reexamination

UCHIOKE ET AL.

Art Unit

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|--------------|------------|-------------------------------------|--|----------|----------|---------------|----------|-----------------|----------|----------|-------------|----------|--------------|-----------------|--------------------|-----------------|----------|------------|----------|---------------|----------|----------|----------|----------|-----------------|----------|----------|----------|----------|----------|----------|---|
|              |            |                                     |  |          |          |               |          |                 |          |          |             |          |              |                 |                    |                 |          | $\neg$     |          | T             | ٦        |          |          |          |                 |          |          |          |          |          |          |   |
| ā            | Original   | 1/22/06                             |  |          |          |               |          |                 |          |          | ज           | Original |              |                 |                    |                 |          | - 1        |          |               |          | Final    | Original |          | ΙI              |          |          |          |          |          |          |   |
| Finat        | <u>:</u> g | 22                                  |  |          |          |               |          |                 |          |          | Final       | ġ        |              |                 |                    |                 |          |            | - 1      |               |          | ਦੂ       | .jg      |          | il              |          |          |          |          |          |          |   |
| -            | Ō          | ~                                   |  |          |          |               |          |                 |          |          | ۱ ـ         | Ō        |              |                 |                    |                 |          | l          |          |               |          | -        | ō        |          | ΙI              |          |          |          |          |          |          |   |
| ├            | -          | 1                                   | $\vdash$                                     | $\vdash$ |          | -             | Н        | Н               | $\dashv$ | -        | <u> </u>    | 51       | -            | $\vdash$        | -                  | Н               | -        | +          | -        | -             | - 1      |          | 101      |          | H               | $\dashv$ |          |          | $\vdash$ | -        |          |   |
|              | 1          | Q                                   | <u>.                                    </u> | _        | $\vdash$ | _             | $\vdash$ | Н               | $\dashv$ | -        | ├           |          | -            | H               | $\vdash$           | -               | -        | -          | -        |               | -{       | $\vdash$ |          | _        | $\vdash$        |          | -        | -        | -        | $\dashv$ | _        | _ |
|              | 2          | V                                   |  |          |          |               | Ш        | $\vdash$        | $\Box$   | 4        |             | 52       | -            | L               |                    |                 |          | -          | _        | -             | -        |          | 102      |          | $\sqcup$        | $\dashv$ | _        |          |          | $\Box$   | _        | _ |
|              | 3          | ✓                                   |  |          |          | _             | Щ        | $\sqcup$        |          | _        | <u></u>     | 53       | _            | _               |                    |                 |          | _}         | _        |               | -        |          | 103      | _        | Ш               | _        |          |          |          | _        | _        | _ |
|              | 4          | ✓                                   |  |          |          |               | Ш        | Ш               |          | _        |             | 54       |              |                 |                    | Ш               |          | _          | _        |               | -        |          | 104      |          | Ш               | _        |          |          | Щ        | $\dashv$ | _        | _ |
|              | 5          | ✓                                   |  |          |          |               | Ш        | Ш               |          | _        |             | 55       |              |                 |                    | Ш               |          | _          | _        |               | ] ]      |          | 105      |          | Ш               |          |          |          |          | _        |          |   |
|              | 6          | ✓                                   |  |          |          |               | Ш        |                 |          |          | L           | 56       |              |                 |                    |                 |          |            |          |               | ]        |          | 106      |          | $\Box$          |          |          |          |          |          |          |   |
|              | 7          | ✓                                   |  |          |          |               |          |                 |          |          |             | 57       |              |                 |                    |                 |          |            |          |               | _        |          | 107      |          | Ш               |          |          |          |          |          |          |   |
|              | 8          | V                                   |  |          |          |               |          |                 |          |          |             | 58       |              |                 |                    |                 |          |            |          |               | ] [      |          | 108      |          |                 |          |          |          |          |          |          |   |
|              | 9          | V                                   |  |          |          |               |          | П               |          | 7        |             | 59       |              |                 |                    |                 |          |            | $\neg$   |               | 7        |          | 109      |          |                 |          |          |          |          |          |          |   |
|              | 10         | ✓                                   |  |          |          |               |          | П               |          |          |             | 60       |              |                 |                    |                 |          |            |          |               | 7        |          | 110      |          | П               |          |          |          |          |          |          |   |
|              | 11         | V                                   |  |          |          |               | П        | П               | $\neg$   | _        |             | 61       |              |                 |                    |                 |          | $\neg$     | 寸        | $\neg \vdash$ | 1 1      |          | 111      |          |                 |          |          |          |          |          | ╗        |   |
|              | 12         | V                                   |  | _        | М        |               | М        | Н               | $\dashv$ | $\neg$   |             | 62       |              | М               |                    | М               |          | 寸          | 7        |               | 1        |          | 112      |          |                 |          | $\neg$   | $\neg$   | $\neg$   | $\dashv$ | $\dashv$ |   |
| $\vdash$     | 13         | V                                   | Н  |          | $\vdash$ | $\vdash$      | Н        | Н               | $\dashv$ | $\dashv$ |             | 63       | $\vdash$     | Н               |                    | Н               | $\dashv$ | 一          | 7        | $\dashv$      | 1        |          | 113      | _        | $\vdash$        | $\dashv$ | $\neg$   | $\dashv$ | $\dashv$ | ᅱ        | $\dashv$ |   |
|              | 14         | V                                   | Н  |          | $\vdash$ | $\vdash$      | H        | $\vdash$        | $\dashv$ | $\dashv$ |             | 64       | $\vdash$     | $\vdash$        | $\vdash$           | $\vdash$        | $\dashv$ | $\dashv$   | +        | $\dashv$      | 1        |          | 114      |          | $\vdash$        | -        | $\dashv$ | 一        | $\vdash$ | -        | -        | _ |
| <u> </u>     | 15         | <u> </u>                            |  | -        | _        | $\vdash$      | H        | H               |          | _        |             | 65       | $\vdash$     | $\vdash$        | -                  | $\vdash$        | $\dashv$ | $\dashv$   | $\dashv$ | $\dashv$      | 1        |          | 115      |          | H               | ᅱ        | -        | $\dashv$ | -        | -        |          |   |
| <u> </u>     | 16         | $\vdash$                            | $\vdash\vdash$                               |          |          | -             | H        | $\vdash$        |          |          |             | 66       | -            | H               |                    | $\vdash$        |          | -1         | -        | -             | -        |          | 116      | -        | $\vdash$        | -        |          |          | $\vdash$ | -        | -1       |   |
| <del> </del> |            | -                                   |  |          | $\vdash$ | -             | Н        | $\vdash$        | $\dashv$ | $\dashv$ | -           | 67       | -            | H               |                    | Н               |          |            |          |               | <b>-</b> |          | 110      | -        | $\vdash$        | $\dashv$ | -        | $\dashv$ | $\dashv$ | -        | $\dashv$ | _ |
| <u> </u>     | 17         | <del> </del>                        | Ш  | Ь.,      | Ш        | $\vdash$      | H        | $\vdash$        | $\vdash$ | $\dashv$ | <u></u>     | 67       | <u> </u>     | Щ               | L                  | Ш               |          | -          |          |               | 4        | $\vdash$ | 117      | <u> </u> | $\vdash$        |          |          |          | $\dashv$ | 4        | _        | _ |
|              | 18         | _                                   |  |          |          | L             | Ш        | $\sqcup$        |          | 4        |             | 68       |              | _               |                    | Ш               | _        | -          |          | _             | 4        |          | 118      |          | $\sqcup$        |          |          |          | _        |          | _        | _ |
|              | 19         | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |  |          |          |               | Ш        | Ш               | $\dashv$ | _        |             | 69       |              |                 |                    | Щ               |          | 4          | _        |               | 4        |          | 119      |          | Ш               | _        | _        |          |          | _        | _        |   |
|              | 20         | ᆫ                                   |  |          |          |               | Ш        | Ш               |          | _        |             | 70       |              | Ш               |                    |                 |          | _          | _        |               | 1        |          | 120      |          | Ш               | _        | _        |          |          | _        | _        |   |
|              | 21         |                                     |  |          |          |               |          |                 |          |          |             | 71       |              |                 |                    |                 |          |            |          |               | ]        |          | 121      |          | Ш               |          |          |          |          |          |          |   |
|              | 22         |                                     |  |          |          |               |          |                 |          |          |             | 72       |              |                 |                    |                 |          |            |          |               | J I      |          | 122      |          |                 |          |          |          |          |          |          |   |
|              | 23         |                                     |  |          |          |               |          |                 |          |          |             | 73       |              |                 |                    |                 |          |            |          |               |          |          | 123      |          |                 |          |          |          |          |          |          |   |
|              | 24         |                                     |  |          |          |               |          | П               |          |          |             | 74       |              |                 |                    |                 |          | $\neg$     | T        |               | 1        |          | 124      |          | П               | ヿ        | コ        |          |          | $\Box$   |          |   |
|              | 25         |                                     |  |          |          |               |          |                 |          |          |             | 75       |              |                 |                    |                 |          | 一          | $\neg$   |               | 1        |          | 125      |          | П               |          |          |          |          |          |          |   |
|              | 26         | Т                                   |  |          |          |               |          |                 |          | _        |             | 76       |              |                 |                    |                 |          |            | $\neg$   |               | 1        |          | 126      |          | П               | ヿ        |          |          |          |          |          |   |
|              | 27         | _                                   |  |          |          | $\overline{}$ |          | Н               | $\dashv$ | $\neg$   |             | 77       |              |                 | $\vdash$           | Н               |          | ╛          | $\dashv$ | $\dashv$      | 1        |          | 127      |          | Н               | 一        | $\neg$   | $\neg$   |          | $\dashv$ |          |   |
|              | 28         | -                                   | _  | -        |          | $\vdash$      | Н        | Н               | $\dashv$ | $\dashv$ | $\vdash$    | 78       |              |                 |                    | Н               |          | _          | $\dashv$ | $\dashv$      | 1        |          | 128      |          | Н               | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | _        |          |   |
|              | 29         | $\vdash$                            | _  |          | _        | $\vdash$      | Н        | Н               | $\dashv$ | -        |             | 79       | H            | -               | -                  | Н               | $\dashv$ | $\dashv$   | +        | _             | 1 1      |          | 129      | -        |                 | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -        | -        |   |
|              | 30         | -                                   | _  | _        |          | -             | Н        | Н               | $\dashv$ | $\dashv$ | $\vdash$    | 80       | <del>-</del> |                 | $\vdash$           | $\vdash$        |          | $\dashv$   | -        | $\dashv$      | 1        |          | 130      | _        | Н               | $\dashv$ | $\dashv$ | -        | -        | -        | $\dashv$ |   |
| <del></del>  | 31         | $\vdash$                            | _  | Н        |          | H             | Н        | Н               | -        |          | <del></del> | 81       | H            |                 | $\vdash$           | Н               |          | -          | -        | $\dashv$      | 1 1      |          | 131      |          | $\vdash$        |          | -        | $\dashv$ | $\dashv$ | -        |          |   |
| <u> </u>     |            | -                                   |  | Н        | H        | $\vdash$      | $\vdash$ | $\vdash \vdash$ | $\vdash$ | $\dashv$ |             |          | -            | Щ               | Н                  | Н               | -        |            | $\dashv$ | -             | <b>-</b> | $\vdash$ |          | -        | $\vdash\vdash$  | $\dashv$ |          |          | $\vdash$ |          | $\dashv$ |   |
| <u> </u>     | 32         | ├-                                  |  | $\vdash$ | $\vdash$ | $\vdash$      | $\vdash$ | $\vdash\vdash$  | $\dashv$ | $\dashv$ | <u></u>     | 82       | -            |                 | <u> </u>           | -               |          | -          |          |               | 4        |          | 132      | -        | $\vdash$        | -        | -        | _        | $\vdash$ | -        | -        |   |
| <u> </u>     | 33         | <u> </u>                            | -  | Ш        | Щ        | Ш             | $\vdash$ | $\vdash \vdash$ | $\dashv$ | $\dashv$ |             | 83       | $\vdash$     |                 | Ш                  | $\vdash \vdash$ | _        |            | $\dashv$ | _             | 4        |          | 133      | _        | $\vdash \vdash$ | -        |          | _        | $\sqcup$ | _        |          |   |
|              | 34         | Ш                                   | Щ  | Ш        | Ш        | Ш             | Ш        | Н               | $\sqcup$ | 4        |             | 84       | $\vdash$     |                 | Щ                  | Ш               | _        | _          | _        |               | 4        |          | 134      |          | $\sqcup$        | _        | _        | _        | Ш        | _        | _        |   |
|              | 35         | Щ                                   | Щ  | Ш        | Ш        | Щ             | Ш        | 니               |          | 4        | $\perp$     | 85       | <u> </u>     |                 | $ldsymbol{\sqcup}$ | Ш               |          | _          | _        |               | <b>↓</b> | ш        | 135      | oxdot    | $\sqcup$        | _        |          |          | Щ        | _        | _        |   |
|              | 36         |                                     |  |          | Ш        | Щ             | Ш        | $\square$       |          | _        | <u></u>     | 86       | _            |                 | $oxed{oxed}$       | Ш               |          | $\perp$    | $\dashv$ |               | . ↓      |          | 136      | Ш        |                 | ļ        |          |          |          |          | _        |   |
|              | 37         |                                     |  |          |          |               | Ш        | Ш               |          | _        |             | 87       |              |                 |                    | لـــا           |          |            |          |               | ]        |          | 137      |          | Ш               |          | I        |          |          | $\perp$  | ال       | _ |
|              | 38         |                                     |  |          |          |               |          |                 |          | ╝        |             | 88       |              |                 |                    |                 |          | $_{\rm J}$ |          |               |          |          | 138      |          |                 |          |          |          |          |          | ┚        |   |
|              | 39         |                                     |  |          |          |               |          |                 | $\Box$   |          |             | 89       |              |                 |                    | $\Box$          |          | $\neg$     | $\neg$   |               | ]        |          | 139      |          | П               |          |          |          |          |          |          |   |
|              | 40         |                                     |  |          |          | П             | П        | $\Box$          |          |          |             | 90       |              |                 |                    |                 |          |            |          | $\neg$        | 7        |          | 140      |          |                 |          |          |          |          |          |          | _ |
|              | 41         |                                     |  | П        |          | П             | П        | П               | $\dashv$ | 7        |             | 91       |              | П               | П                  | П               | $\neg$   | $\neg$     | $\neg$   | $\neg$        | 1        |          | 141      | $\Box$   | П               | 一        | _        |          | $\Box$   | 寸        | ╗        | _ |
|              | 42         | $\vdash$                            |  | Н        | Н        | Н             | $\vdash$ | Н               | $\neg$   | $\neg$   |             | 92       |              |                 | $\vdash$           | $\vdash$        | _        | _          | $\dashv$ |               | 1        | -        | 142      |          | Н               | $\dashv$ | $\dashv$ | $\dashv$ | $\vdash$ | $\dashv$ | $\dashv$ | _ |
| -            | 43         | $\vdash$                            |  | Н        | Н        | Н             |          | Н               | -        | $\dashv$ |             | 93       | $\vdash$     | Н               | Н                  | Н               | $\dashv$ | $\dashv$   | $\dashv$ |               | 1 1      |          | 143      |          | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |   |
|              | 44         | $\vdash$                            | $\dashv$                                     | Н        | Н        | Н             | $\vdash$ | Н               | $\dashv$ | $\dashv$ |             | 94       |              | $\vdash$        | Н                  | Н               |          | $\dashv$   | $\dashv$ | +             | 1        |          | 144      | -        | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |   |
|              | 45         | $\vdash$                            | $\vdash$                                     | Н        | Н        | $\vdash$      | $\vdash$ | Н               | $\dashv$ | $\dashv$ |             | 95       | $\vdash$     | $\vdash$        |                    | $\vdash$        | -        | -          | +        |               | -        |          | 145      | $\vdash$ | $\vdash$        | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -        |   |
|              |            | $\vdash$                            | $\vdash$                                     | $\vdash$ |          | $\vdash$      | $\vdash$ | $\vdash\vdash$  | $\dashv$ | $\dashv$ | -           |          |              | $\vdash$        | $\vdash$           | Н               | $\dashv$ | $\dashv$   | $\dashv$ |               | 4        |          |          | $\vdash$ | $\vdash$        | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | _ |
|              | 46         | -                                   | -  | Н        | Н        |               | $\vdash$ | $\vdash \vdash$ |          | -        | -           | 96       | $\vdash$     | $\vdash \vdash$ | Щ                  |                 | _        |            |          |               | ┨ ┃      |          | 146      | -        | $\vdash$        |          |          |          | Н        |          |          |   |
|              | 47         | <u> </u>                            | Щ  | Ш        | Н        | Н             | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$ |             | 97       |              |                 | Ш                  | Ш               | _        | 4          | _        | -             | 4        | $\Box$   | 147      | <u> </u> | $\vdash \vdash$ | _        |          | _        | Щ        | _        | _        |   |
|              | 48         | L_                                  | Щ  | Ш        | Щ        | Ш             | Щ        | Ш               | $\perp$  | _        |             | 98       |              |                 |                    | Ш               |          | _          | _        | _             | 4        |          | 148      | $\vdash$ | Ц               |          | ļ        |          |          |          | _        |   |
| <u> </u>     | 49         | L_                                  | Ш  | Ш        | Ш        | Ш             | Ш        | Ш               |          | _        |             | 99       | <u> </u>     | Щ               | Ш                  | Ш               |          |            | _        |               | <b>↓</b> |          | 149      | Ш        | Ш               |          |          |          |          |          |          |   |
| <u>L</u>     | 50         |                                     |  |          |          |               |          | LJ              |          |          |             | 100      |              |                 |                    |                 |          |            |          |               | J        |          | 150      |          |                 |          |          |          |          | 1        |          |   |